# High Power LED Wash User Manual

## (LDH-W-RGB-002)

Please read the manual before use and keep it for the future use.

**Note:**

Please use the corrosive or resolvable material to avoid any trouble for the fixture.

The operation temperature is below 40℃，humidity is 0~95%. If you use it out of this range, the fixture will be shorten the lifespan.

**Indoor use only**

## Caution:

Please do not connect the power when the fixture is still in the box.

Please do not connect the power before the installation. The fixture must be linked to the earth wire.

If you met the problem for this fixture, please call the engineer for the repair. Do not open the fixture by yourself.

Please must use the same input voltage as per our instruction ±10%.

**◆Technical Information:**

1. Voltage: AC110V 60HZ/220V 50HZ
2. Power: 50W
3. Fuse：1A/250V
4. Light Source: 48x1W RGB LED
5. Function: DMX, Auto, Audio; Master/Sl
6. DMX Channel：5
7. Weight： 7.2 KG
8. Controller size: L330 X W180 X H78 MM
9. Fixture size: L215xW47xH170mm

**◆Packing list：**

- LED Fixture----------4pcs；
- 4PIN linking cable----------4pcs；
- Controller----------1pc；
- Power Cable----------1pc；
- User Manual----------1pc。

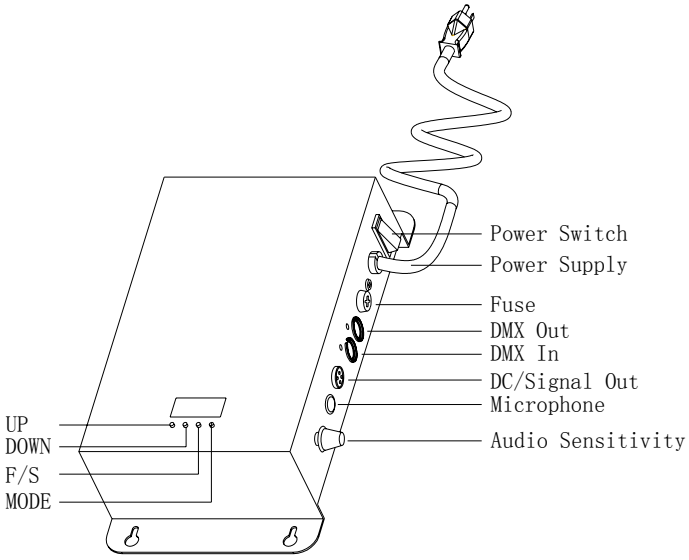
◆**Operation Manual:**

◆**Function：**

**LDH-W-RGB-002 use** 48x1W RGB LED to make the group LED effects. There is DMX、Auto、Audio mode and Master/Slave linkable function. The Light Beam of the fixture can be color-changed，Dimmed, Flashed，Faded. It is simple, good effects, easy installation and suitable for all kinds of Party, Club and small stages.

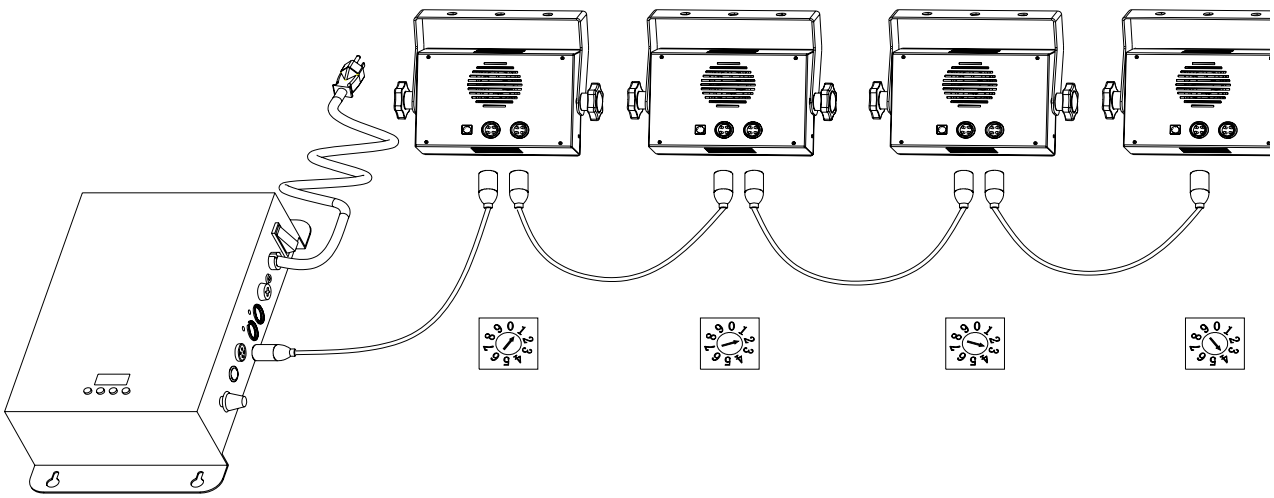
◆Panel Instruction：

Front and Side Panel Functions




◆**Installation instruction：**

**<u>Installation mathods</u>：This light fixture can be put in the flat surface, or fixed with special hand wheel for the hanging installation. Please be sure to fasten the hand wheel when you install the fixture.**



## ◆ function instruction：

When the controller get the power, the display in the controller will show AXXX，and set up to single mode. If there is the DMX signal input for the controller, it will change to DMX mode under slave mode. Also you can change the mode setting to the Audio mode. LDH-W-RGB-002 has the memory function, so when the user restart the fixture, it will return to the last setting automatically. There is 4 dip switches in the back of the fixture, you can set up the code.The code range is 1—4.

- **Single mode：**

Press MODE button to choose the mode setting manu，when the display shows CHEX，please press UP or DOWN button to get the CHASE code. You can use F/S button to set up the Speed and Fade for your selected Chase code. Press F/S Button to exchange SXXX or FXXX，Also you can use UP or DOWN button to adjust the SPEED（1~100） and FADE（0~100）for your selected CHASE. After the SPEED and FADE code set up, you can press MODE button to exit and return to CHEX manu.

- **Manual Mode：**

Press MODE button and choose Nanu manu. Press F/S button to the manual mode. Press Up or DOWN to dim control the fixture manually. The first digital display will be rotated clockwise or anti-clockwise as per UP or DOWN button operation. Also the color will be changed from red-green-blue or blue-green-red as per UP or DOWN button operation.

- **Audio Mode：**

Press MODE button to choose the mode setting manu，when the display shows CHEX，please press UP or DOWN button to get the CHASE code. When you select CHS9，it is Audio mode now. Exit the CHS9, the audio mode closed. You can adjust the knob to adjust the sensitivity. When there is any Audio signal，the indicator under 4 diginal display will be flashed.

- **Master/Slave Linking mode:**

Press MODE button to select SLAVE or HOST to the Master/Slave mode，Press UP or DOWN button to exchange the Master/Salve setting. The Master unit do not accept any signal from the other DMX controller. Please do not set up multiple Master units or link the Master unit to the other DMX controller to avoid any signal problem for the Slave units.

- **DMX mode：**

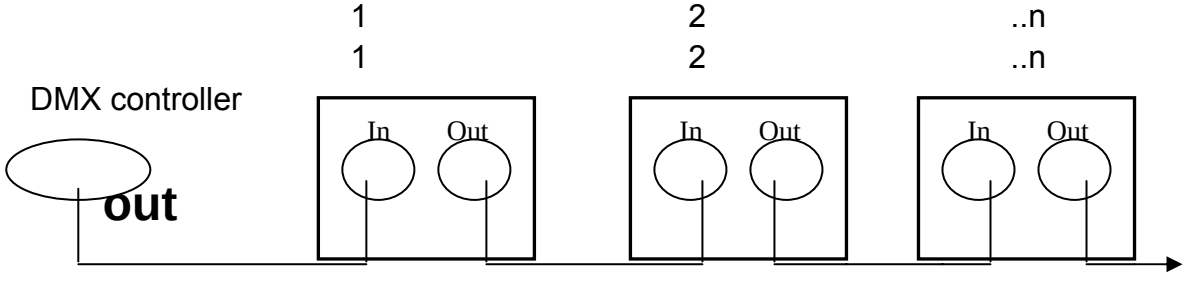
1. **DMX address：**

When the display shows AXXX, you can set up the DMX address through UP or DOWN button.（A means Address，XXX means code 1~512）

2. **DMX connector instruction：**

Male/Female DMX connector instruction: Pin1 = Gnd Pin2 = Dmx- Pin3 = Dmx+

3. **DMX Linking mathods：**



- **DMX Function Chart:**

| DMX Channel | Function | DMX Range | Remark |
|---|---|---|---|
| 1 CH | Red brightness adjustment | 30~255 | 0~29 no brightness |
| 2 CH | Green brightness adjustment | 30~255 | 0~29 no brightness |
| 3 CH | Blue brightness adjustment | 30~255 | 0~29 no brightness |
| 4 CH | RGB brightness adjustment | 30~255 | 0~29 no brightness |
| 5 CH | Strobe speed adjustment | 30~230 | 0~20Hz, If it is over 20, it will be flashed in the standard. |

**Trouble Shooting and service：**

| Troubles | Reason | Trouble Shooting |
|---|---|---|
| Do not work | 1.Check the power input.<br>2.Fuse is burned. | 1. Make sure that the power is correct.<br>2. replace the same standard fuse. |
| LED dimmed | check the power input | Make sure that the power is correct. |
| Audio out of work | 1.Check if it is Audio mode<br>2.Check if the knob is setting up in the lowest position. | 1. Press the mode switch to Audio mode.<br>2. clockwise rotate the knob to the high sensitivity position. |
| No DMX receipt | 1. The DMX signal in controller is reversed.<br>2. Mode mode is DMX mode or not. | 1. Please reversed the DMX signal.<br>2. Set up the mode to be DMX. |